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(54) ENDOTHELIAL MONOCYTE ACTIVATION POLYPEPTIDE II, A BIOMARKER FOR USE IN DIAGNOSIS AND TREATMENT OF BRAIN INJURY

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57) ABSTRACT

A diagnostic tool and method of diagnosing brain injury and brain injury type (traumatic vs. ischemic) by detecting the level of expression of endothelial monocyte-activating polypeptide II (EMAP-II) and comparing to a control. An increase of EMAP-II indicates the presence of traumatic brain injury and a decrease of EMAP-II indicates the presence of ischemic brain injury. Detection of EMAP-II can be done in brain tissue, biofluids such as cerebrospinal fluid or blood (including plasma and serum)